

## WHAT IS CLAIMED IS:

1. A generate assembly and lighting element for a pneumatic tool, comprising:

a body including:

5 a channel defined therein;

a first passage defined in the body, the first passage having a first end adapted to communicate with an exhauster of the pneumatic tool and a second end extending to communicate with the channel and defining an opening in an inner periphery of the channel;

10 a second passage defined in the body, the second passage having a first end communicating with the channel and a second end extending to an outer periphery of the body for exhausting exhaust gas from the pneumatic;

15 a generator mounted in the body for generating electric power to the lighting element, the generator having a turbine extending into the channel and eccentrically corresponding to the opening in the inner periphery of the channel such that exhaust gas, from the pneumatic tool, drive the turbine due to the eccentric relation between the turbine and the opening;

20 the lighting element adapted to be attached to an operation end of the pneumatic tool and electrically connected to the generator; and;

a sleeve securely mounted around the body for airtightly closing the channel in the body.

2. The generate assembly and the lighting element as claimed in claim 1, wherein the body comprises a cavity defined in a bottom of the channel for receiving the generator.

3. The generate assembly and the lighting element as claimed in claim 1, wherein the body comprises a third passage defined therein, the third passage having a first end adapted to communicate with an inlet of the pneumatic and a second end extending to an outer periphery of the body for guiding compressed air flowing into the pneumatic tool.

4. The generate assembly and the lighting element as claimed in claim 1, wherein the body comprising a joint extending therefrom opposite to the pneumatic tool and adapted to be connected to a compressed air source, the second of the third passage extending through the joint of the body.

5. The generate assembly and lighting element as claimed in claim 1, wherein the lighting element is a light emitting diode.

6. The generate assembly and the lighting element as claimed in claim 2, wherein the body comprises a third passage defined therein, the third passage having a first end adapted to communicate with an inlet of the pneumatic and a second end extending to an outer periphery of the body for guiding compressed air flowing into the pneumatic tool.

7. The generate assembly and the lighting element as claimed in

claim 2, wherein the body comprising a joint extending therefrom opposite to the pneumatic tool and adapted to be connected to a compressed air source, the second of the third passage extending through the joint of the body.

5           8. The generate assembly and lighting element as claimed in claim 2, wherein the lighting element is a light emitting diode.

          9. The generate assembly and the lighting element as claimed in claim 3, wherein the body comprising a joint extending therefrom opposite to the pneumatic tool and adapted to be connected to a  
10 compressed air source, the second of the third passage extending through the joint of the body.

          10. The generate assembly and lighting element as claimed in claim 3, wherein the lighting element is a light emitting diode.

          11. The generate assembly and lighting element as claimed in  
15 claim 4, wherein the lighting element is a light emitting diode.